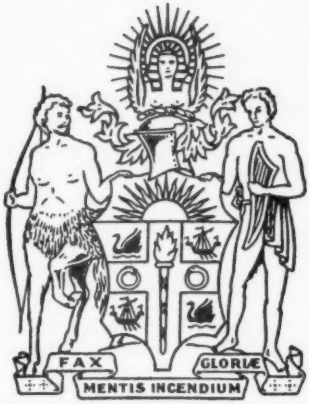
Volume 51 Numbers 1-6

The Australian and New Zealand JOURNAL OF SURGERY



Published by the Royal Australasian College of Surgeons

EDITORIAL BOARD

R. C. BENNETT Chairman
J. P. RICHARDSON Editor
JOSEPH EPSTEIN Sub-editor
SYLVIA IRLICHT Business Manager
A. W. BEASLEY (Wellington, New Zealand)
WILLIAM BURNETT(Brisbane)
F. A. BILLSON (Sydney)
GWYNNE BROCKIS (Perth)
G. J. A. CLUNIE (Melbourne)
A. M. CUTHBERTSON (Melbourne)
N. C. DAVIS (Brisbane)
JOHN F. FORBES (Melbourne)
BRUCE NATHANIEL GRAY (Melbourne)
J. M. HAM (Sydney)
J. T. HUESTON (Melbourne)
J. M. LITTLE (Sydney)
JOHN LUDBROOK (Melbourne)
A. MacKELLAR (Perth)
R. M. MITCHELL (Sydney)
A. R. MOORE (Melbourne)
ERIC M. NANSON (Auckland, New Zealand)
SIR DENNIS PATERSON (Adelaide)
JOHN P. ROYLE (Melbourne)
J. H. RUSH (Melbourne)
D. A. SIMPSON (Adelaide)
SIR EVAN THOMSON (Brisbane)
L. W. WING (Hobart)

Published Bimonthly

Annual Subscription Aust. $36.00 (including postage)

Printed by Wilson and Horton Ltd., Auckland, New Zealand.

Page

EDITORIAL

*CLIMATE OF REASON *Marvin Zelen* 1

EDITORIAL COMMENT

*BIOLOGICAL VERSUS STATISTICAL PLANNING OF CLINICAL TRIALS *John F. Forbes* 3

*CONSIDERATIONS FOR A CLINICIAN BEFORE SUPPORTING A CLINICAL TRIAL *John F. Forbes* 4

ORIGINAL ARTICLES

*INFORMATION FLOW IN THE CONDUCT OF MULTICENTRED COLLABORATIVE CONTROLLED CLINICAL TRIALS OF CANCER THERAPY *Alan Coates* 6

*THE EVALUATION OF THE RESULTS OF CANCER THERAPY TREATMENT UTILITY *Allan O. Langlands* 10

*THE EFFECT OF FLUOROURACIL ON SURVIVAL IN METASTATIC COLORECTAL CANCER
FLUOROURACIL RESPONSE IMPROVES SURVIVAL
J. E. Payne, M. T. Pheils, P. H. Chapuis and J. C. Macpherson 12

*COMMENTARY
R. M. Fox 15

A PROSPECTIVE TRIAL OF 5-FU AND BCNU IN THE TREATMENT OF ADVANCED GASTRIC CANCER *Glyn G. Jamieson and P. Grantley Gill* 16

AMINOGLUTETHIMIDE THERAPY IN ADVANCED BREAST CANCER *J. L. Anderson, G. Phillipou and R. B. Black* 20

LONG-TERM HIGH-DOSE MEBENDAZOLE FOR CYSTIC HYDATID DISEASE OF LIVER: FAILURE IN TWO CASES *Peter A. Braithwaite* 23

STAGING LAPAROTOMY IN HODGKIN'S DISEASE *R. O. Nicol and J. M. Bremner* 27

EVALUATION OF OVARIAN CANCER BY SECOND-LOOK LAPAROTOMY AFTER TREATMENT *Ian S. C. Jones, Soo K. Khoo and Sue V. Whitaker* 30

SMALL-INTESTINAL OBSTRUCTION FOLLOWING RESECTION FOR CARCINOMA OF THE RECTUM *William R. Johnson, Francis T. McDermott, Eric Pihland Edward S. R. Hughes* 34

ACCURATE LOCALIZATION AND EXTRAPERITONEAL DRAINAGE OF PANCREATIC ABSCESS *T. R. Porter and G. A. E. Coupland* 36

SPLENIC TRAUMA FROM BLUNT ABDOMINAL INJURY *M. C. Bellemore and A. R. Power* 39

UNCOMMON FORMS OF MASTITIS *T. T. Alagaratnam* 45

A REVIEW OF 74 PATIENTS WITH OESOPHAGEAL ACHALASIA: THE RESULTS OF HELLER'S CARDIOMYOTOMY, WITH AND WITHOUT NISSEN FUNDOPLICATION *Peter Tomlinson and Alexander F. Grant* 48

*These contributions are derived from presentations made at the Postgraduate course on Clinical Trials held in Canberra on 28/29 June 1980 under the auspices of the Clinical Oncological Society of Australia.

(*continued overleaf*)

Page

OESOPHAGEAL MICROBIAL FLORA IN CARCINOMA OF THE OESOPHAGUS *W. F. Lau, J. Wong, K. H. Lam and G. B. Ong* 52

PULMONARY COIN LESIONS: A TEN-YEAR REVIEW OF 239 CASES *P. L. Nandi, S. C. Tang, C. K. Mok, W. T. Lee and G. B. Ong* 56

CYSTS AND "PSEUDOCYSTS" OF THE MENISCI OF THE KNEE JOINT *Mervyn J. Cross and A. Stuart Watson* 59

IPSILATERAL ELBOW AND FOREARM INJURIES IN CHILDREN *Gurpal S. Bhuller and A. E. Hardy* 65

THE ORDERING OF BLOOD FOR ELECTIVE GENERAL SURGICAL OPERATIONS *E. Farmer and J. M. Ham* 68

CASE REPORTS

LIPOGRANULOMA OF THE MALE GENITALIA *Lance Armstrong and Arthur H. Hackett* 72

CONGENITAL DUODENAL DIAPHRAGM IN AN ADULT *P. Cregan, J. Hollingshead, R. Smith and D. Gillett* 74

MECKEL STONE ILEUS: A CASE REPORT *Alexander B. F. Grant* 77

ANGIOSARCOMA OF THE BREAST: A CASE REPORT *S. A. Hart, L. V. Sisley AND A. E. G. Tannenberg* 79

INFLAMMATORY URETERIC POLYP ASSOCIATED WITH ANALGESIC NEPHROPATHY *D. A. Splatt, D. Weedon, P. D. Boyle and R. A. Gardiner* 81

REVIEW ARTICLE

THE THORACIC OUTLET COMPRESSION SYNDROME *Edgar Parry* 84

SURGICAL EDUCATION

THE PART II F.R.A.C.S. EXAMINATION, ADELAIDE 92

SURGICAL HISTORY

THE FOUNDERS OF THE COLLEGE *P. J. Kenny* 95

New Zealand
Sir Hugh Thomas Dyke Acland, C.M.G., C.B.E. 95
Sir Louis Edward Barnett, C.M.G. 97
Sir Henry Lindo Ferguson 99
Sir Donald Johnstone McGavin, C.M.G., D.S.O. 99
Sir Carrick Hay Robertson 100
David Storer Wylie, C.M.G. 100

T. AUBREY BOWEN AND HIS HOUSE AT 167 COLLINS STREET EAST, MELBOURNE *Ronald F. Lowe* 102

NOTICES 106

CORRIGENDUM 107

BOOK REVIEWS 109

INSTRUCTIONS TO AUTHORS *(inside back cover)*

This Journal is indexed in Index Medicus, "Medlars" and "Current Contents: Clinical Practice"

Page

THE HARRY ELLICOTT BACON ORATION

THE DEVELOPMENT OF A RESTORATIVE OPERATION FOR CARCINOMA OF THE RECTUM *E. S. R. Hughes* 117

ORIGINAL ARTICLES

CHANGING SURVIVAL PROSPECTS IN RECTAL AND COLONIC CANCER *F. T. McDermott, E. S. R. Hughes, E. Pihl and A. B. Price* 120

THE DISTRIBUTION OF COLORECTAL CARCINOMA AND THE RELATIONSHIP OF TUMOUR SITE TO THE SURVIVAL OF PATIENTS FOLLOWING RESECTION *Pierre H. Chapuis, Ronald C. Newland, Jennifer G. Macpherson, Owen Dent, John E. Payne and Murray T. Pheils* 127

THE SURGICAL MANAGEMENT OF ANORECTAL MALIGNANT MELANOMA *John Boey, T. K. Choi, John Wong and G. B. Ong* 132

KNOWLEDGE OF COLORECTAL CANCER AND ATTITUDE TO OCCULT BLOOD TESTING AMONG RECENT MEDICAL GRADUATES IN NEW SOUTH WALES *Owen Dent and Kerry Goulston* 137

SURGERY FOR CONSTIPATION *E. S. R. Hughes, F. T. McDermott, W. R. Johnson and A. L. Polglase* 144

THE USE OF RADIOTHERAPY FOR PELVIC RECURRENCE FOLLOWING ABDOMINOPERINEAL RESECTION FOR CARCINOMA OF THE RECTUM: 10-YEAR EXPERIENCE *Antonio H. Villalon and David Green* 149

COMPARATIVE SURVIVAL RATES IN SYMPTOMATIC PERIPHERAL VASCULAR DISEASE AND COLORECTAL CANCER *K. W. Faulkner and A. K. House* 152

THE EPIDEMIOLOGY OF LOWER LIMB ISCHAEMIA IN A NEW SOUTH WALES RURAL COMMUNITY *David A. Hill and Michael A. McGrath* 157

LONG-TERM EXPERIENCE OF THOMAS SHUNTS ON THE ILIAC VESSELS *Peter R. Meech, Ian R. Hardie, Lionel C. J. Hartley, Peter W. H. Woodruff, Russell W. Strong and Gordon J. A. Clunie* 161

ACUTE APPENDICITIS *W. J. Boerema, K. G. Burnand and R. I. Fitzpatrick* 165

AN ANALYSIS OF THE PATHOLOGY OF 3003 APPENDICES *Alexander R. Chang* 169

INTUSSUSCEPTION IN THE ADULT *M. J. Coleman, T. B. Hugh, R. E. May and M. J. Jensen* 179

HISTIOCYTIC LYMPHOMA PRESENTING WITH EXTRAHEPATIC BILIARY OBSTRUCTION: A REPORT OF THREE CASES *Ian F. Young, Ian C. Roberts-Thomson and John R. Sullivan* 181

IS THERE A SEASONAL VARIATION IN OESTROGEN RECEPTOR LEVELS IN HUMAN BREAST CARCINOMA TISSUES? *R. Hafinel, R. Parasiliti, E. Twaddle and T. Woodings* 183

OESTROGEN RECEPTORS IN BREAST CANCER: GREATER CARE IN COLLECTION *T. S. Reeve and C. M. Smyth* 185

BENIGN THYROID INCLUSIONS WITHIN CERVICAL LYMPH NODES: AN ALARMING INCIDENTAL FINDING *N. B. N. Ibrahim, P. J. Milewski, R. Gillett and J. G. Temple* 188

(continued overleaf)

Page

THE SURGICAL TREATMENT OF INTRACTABLE CHILDHOOD AND ADOLESCENT EPILEPSY *Ian R. Whittle, Howard J. Ellis and Donald A. Simpson* 190

BLADDER NECK CLOSURE FOR NEUROGENIC INCONTINENCE *R. R. A. Syme* 197

CASE REPORTS

CYSTADENOMA OF THE PANCREAS: REPORT OF A CASE DIAGNOSED BY ENDOSCOPIC RETROGRADE PANCREATOGRAPHY *Aylwyn Mannell and Leonard Ou Tim* 201

BILATERAL INCOMPLETE URETERIC DUPLICATION WITH A URETERIC DIVERTICULUM *S. K. Sharma, N. Malik, S. Kumar and B. C. Bapna* 204

FATAL EPISTAXIS FROM AN ANEURYSM OF THE INTRACRANIAL INTERNAL CAROTID ARTERY *J. Hornibrook and J. C. Rhode* 206

POINT OF VIEW

EPONYMS
Meandros 209

SURGICAL TECHNIQUES

IMPROVED TECHNIQUES IN E. E. A. STAPLING FOR ULTRA-LOW COLORECTAL AND COLO-ANAL ANASTOMOSIS
A. L. Polglase, E. S. R. Hughes and F. T. McDermott 211

DOUBLE ADVANCEMENT FLAP CLOSURE FOR SKIN DEFECTS IN THE LEG TO AVOID SKIN GRAFTING *Thomas H. Robbins* 217

SURGICAL EDUCATION

VASCULAR MALFORMATIONS *J. M. Little* 219

THE PART II F.R.A.C.S. EXAMINATION, WELLINGTON 225

SURGICAL HISTORY

THE FOUNDERS OF THE COLLEGE VICTORIA
The following biographies were prepared by R. N. Howard 227

Victoria: *James William Barrett*
Hugh Berchmans Devine
Augustus Leo Kenny
Basil Kilvington
Felix Henry Meyer
Reginal Herbert Morrison
David Murray Morton
Robert Hamilton Russell
George Adlington Syme
Bernard Traugott Zwar

NOTICES 239

BOOK REVIEWS 241

INSTRUCTIONS TO AUTHORS *(inside back cover)*

This Journal is indexed in Index Medicus, "Medlars" and "Current Contents: Clinical Practice".

Page

THE GORDON BELL MEMORIAL LECTURE

FROM EDINBURGH, AN ACADEMIC SURGEON *H. A. F. Dudley* 247

SPECIAL ARTICLE

PROSPECTS FOR TRAINING OF AUSTRALIAN SURGEONS IN BRITAIN *Vernon Marshall* 251

ORIGINAL ARTICLES

PROBLEMS IN THE DIAGNOSIS AND MANAGEMENT OF ACUTE PANCREATITIS *M. Paroulakis, S. Fischer, I. D. Vellar and C. Mullany* 257

THE EFFICACY OF POTASSIUM-INDUCED CARDIOPLEGIA AND TOPICAL HYPOTHERMIA IN THE CORRECTION OF CONGENITAL CARDIAC LESIONS *H. S. Saw, J. S. Juggi, A. Ganendran and K. Prathap* 264

INFECTED VENTRICULAR SEPTAL DEFECT *H. M. Windsor, N. Noble and V. P. Chang* 271

LIVER RESECTION FOR NEOPLASM *John F. Thompson and J. Miles Little* 274

THE EFFECT OF AN ANABOLIC STEROID ON BODY COMPOSITION IN PATIENTS RECEIVING INTRAVENOUS NUTRITION *Alastair G. Yule, John Macfie and Graham L. Hill* 280

COLORECTAL INJURIES *Russell W. Strong* 285

ENDOSCOPIC SPHINCTEROTOMY IN HIGH-RISK PATIENTS WITH BILIARY TRACT DISEASE *Ian C. Roberts-Thomson* 289

URINARY BLADDER STONES IN ABORIGINAL CHILDREN *Z. S. Wisniewski, J. G. Brockis and G. D. Ryan* 292

LYMPHANGIOMAS IN CHILDREN *N. C. Bhattacharyya, K. Yadav, S. K. Mitra and I. C. Pathak* 296

PSYCHOLOGICAL IMPLICATIONS OF MASTECTOMY *Cameron Battersby* 300

CASE REPORTS

PAPILLARY CYSTADENOMA OF THE EPIDIDYMIS: A CASE REPORT *I. D. S. Civil and A. H. Hackett* 304

CONGENITAL DIVERTICULUM OF THE ANTERIOR URETHRA *J. T. K. Lau and G. B. Ong* 305

RENAL ANGIOMYOLIPOMA: PRE-OPERATIVE DIAGNOSIS AND CONSERVATIVE SURGERY *J. T. Jeffery, A. G. S. Tulloch and B. Whitney* 307

ENTEROLITH ILEUS COMPLICATING A JEJUNAL DIVERTICULUM *Richard Cade, Brian Collopy and Peter Ryan* 309

VOLVULUS OF THE KOCK POUCH WITH OBSTRUCTION AND PERFORATION: A CASE REPORT *Michael V. Agrez, Roger R. Dozois and Oliver H. Beahrs* 311

SURGICAL TECHNIQUES

STRANGULATED HERNIA OF THE FORAMEN OF MORGAGNI: INTRODUCING A PRINCIPLE FOR THE REDUCTION OF OBSTRUCTED INTRAABDOMINAL HERNIAS *F. J. Gray* 314

(continued overleaf)

SURGICAL EDUCATION

THE PART II F.R.A.C.S. EXAMINATION, SINGAPORE, KUALA LUMPUR AND HONG KONG, NOVEMBER, 1979 318

SURGICAL HISTORY

THE FOUNDERS OF THE COLLEGE
NEW SOUTH WALES 319

The following biographies were prepared by *P. J. Kenny and I. D. Miller*

Andrew John Brady
William Chisholm
Charles Percy Barlow Clubbe
Cyril Ernest Corlette
Robert Gordon Craig
Thomas Henry Fiaschi
Alexander MacCormick
Francis Antill Pockley
Francis Percival Sandes
Edward Thomas Thring
Ralph Worrall

NOTICES 326

BOOK REVIEWS 328

INSTRUCTIONS TO AUTHORS (Inside back cover)

This Journal is indexed in *Index Medicus*, "Medlars" and "Current Contents: Clinical Practice".

Page

ORIGINAL ARTICLES

VASCULAR TRAUMA *J. P. Fletcher and J. M. Little* 333

THE DISTAL LIENORENAL SHUNT: PERIOPERATIVE EXPERIENCE WITH 30 PATIENTS *P. R. Gibson, I. E. McInnes, D. S. Rosengarten, A. W. Jakobovits, D. A. Coventry and F. J. Dudley* 336

THE BIOLOGICAL ACTIVITY OF DIFFERENT GASTRIN PEPTIDES ASSESSED USING A CYTOCHEMICAL SECTION BIOASSAY *A. R. Askew and B. J. Napier* 341

OESTROGEN RECEPTORS AND THE RESPONSE OF METASTATIC BREAST CANCER TO AMINOGLUTETHIMIDE OR TAMOXIFEN *I. M. Holdaway* 345

A SURVEY OF GENERAL SURGEONS' ATTITUDES TOWARDS BREAST RECONSTRUCTION FOLLOWING MASTECTOMY *Bryan C. Mendelson* 348

PREVENTION OF WOUND INFECTION IN ELECTIVE COLORECTAL RESECTIONS BY PREOPERATIVE CEPHAZOLIN WITH AND WITHOUT METRONIDAZOLE *F. T. McDermott, A. L. Polglase, W. R. Johnson and E. S. R. Hughes* 351

TREATMENT OF GRANULATING WOUNDS WITH SILASTIC FOAM DRESSINGS *R. C. Smith, P. W. Flynn, D. J. Gillett, M. D. Guiness and J. M. Levey* 354

DIVERTICULAR COLO-ENTERIC FISTULAE *G. J. Hool, E. L. Bokey and M. T. Pheils* 358

THE VALUE OF THE HICKMAN-TYPE RIGHT ATRIAL CATHETER FOR VENOUS ACCESS IN CANCER PATIENTS *Peter A. Braithwaite, Vicki J. Rust and Raymond M. Lowenthal* 359

MULTIPLE OSTEOTOMIES IN RHINOPLASTY *G. Patrick Bridger* 363

CASE REPORTS

A CASE OF GASTRIC DUPLICATION IN AN ADULT *Kevin O'Reilly and Anthony Green* 367

MUCOCELE OF THE GALLBLADDER: AN UNUSUAL CAUSE OF DUODENAL OBSTRUCTION *R. J. Stunden and J. K. Francis* 369

DUODENAL POLYP OR ANEURYSM? A POSSIBLE HAZARD OF ENDOSCOPIC POLYPECTOMY *C. N. MacDougall and W. M. Castleden* 371

MATRIX CALCULI AND GOUT *R. C. Jaworski* 372

TORULOPSIS GLABRATA OSTEOMYELITIS OF THE SPINE: A CASE REPORT AND REVIEW OF THE LITERATURE *Alan J. Thurston and William J. Gillespie* 374

POINT OF VIEW

COLORECTAL CANCER: THE MODERN TREATMENT OF DISSEMINATED DISEASE *Raymond D. Snyder and W. Ivon Burns* 379

REPLY *B. N. Gray* 378

(continued overleaf)

CONTENTS (*continued*)

Page

SURGICAL TECHNIQUES

A TECHNIQUE OF DIATHERMY SCLEROSIS OF VARICOSE VEINS *Kevin O'Reilly* 379

ANTERIOR RECTAL ADVANCEMENT FLAP IN THE REPAIR OF BENIGN RECTOPROSTATIC FISTULA *William R. Johnson, Douglas M. Druitt and John P. Masterton* 383

SURGICAL RESEARCH

PROCEEDINGS OF THE SURGICAL RESEARCH SOCIETY OF AUSTRALASIA 386

SURGICAL HISTORY

THE FOUNDERS OF THE COLLEGE 400
SOUTH AUSTRALIA
The following biographies were prepared by A. C. McEachern
Arthur Murray Cudmore
William Anstey Giles
Alexander Matheson Morgan
Henry Simpson Newland
Thomas George Wilson

NOTICES 406

BOOK REVIEWS 407

INSTRUCTIONS TO AUTHORS (Inside back cover)

This Journal is indexed in Index Medicus, "Medlars" and "Current Contents: Clinical Practice".

THEMES FOR FUTURE ISSUES

OCTOBER, 1981	COLORECTAL DISEASE
FEBRUARY 1982	GASTROINTESTINAL CANCER

Page

EDITORIAL COMMENT

ACADEMIC AND NON-ACADEMIC SURGERY *J. M. Little* 413

THE ARCHIBALD WATSON MEMORIAL LECTURE

OUR HONOURED ANATOMISTS *R. G. Elmslie* 415

ORIGINAL ARTICLES

* AN AETIOLOGICAL STUDY OF DIVERTICULOSIS OF THE RIGHT COLON *Norihisa Murayama, Shozo Baba, Susumu Kodaira and Osahiko Abe* 420

* EPIDERMOID CARCINOMA COMPARED WITH ADENOCARCINOMA OF THE ANAL CANAL *Katsuisa Shindo* 426

* LYMPH NODE METASTASES FROM CARCINOMAS DEVELOPING IN PEDUNCULATED AND SEMIPEDUNCULATED COLORECTAL ADENOMAS *S. Kodaira, T. Teramoto, S. Ono, K. Takizawa, T. Katsumata and O. Abe* 429

* STUDIES ON CELL-MEDIATED IMMUNITY IN PATIENTS WITH COLORECTAL CANCER: LEUCOCYTE MIGRATION INHIBITION TEST USING ALLOGENIC 3M KCI EXTRACT *O. Kojima, Y. Fujita, N. Iwai, T. Yamane, N. Kitagawa, B. Nishioka and S. Majima* 434

SERUM IMMUNOGLOBULINS IN COLORECTAL CANCER *Ian Gough* 440

* EARLY DIAGNOSIS OF METACHRONOUS COLORECTAL CARCINOMA *Anders Törnqvist, Göran Ekelund and Lennart Leandoer* 442

* MULTIPLE METACHRONOUS GASTRO-INTESTINAL CARCINOMA *E. G. Brownstein* 446

THE CLINICAL PRESENTATION OF ADENOCARCINOMA OF THE TRANSVERSE COLON *John C. Hall* 451

BENIGN GASTRO-COLIC FISTULAE *John W. Hollinshead, Ross C. Smith and David J. Gillett* 452

ILEO-SIGMOID KNOTTING: A CLINICAL STUDY OF 11 CASES *A. Kakar and B. N. S. Bhatnagar* 456

THE TREATMENT OF SECOND DEGREE HAEMORRHOIDS BY INJECTION, RUBBER BAND LIGATION, MAXIMAL ANAL DILATATION, AND HAEMORRHOIDECTOMY: A PROSPECTIVE CLINICAL TRIAL *F. C. Y. Cheng, D. W. P. Shum and G. B. Ong* 458

LAPAROSCOPY IN THE DIAGNOSIS OF ACUTE LOWER ABDOMINAL PAIN *J. L. Anderson and F. H. G. Bridgewater* 462

READMISSIONS TO HOSPITAL AFTER APPENDICECTOMY FOR NON-SPECIFIC ABDOMINAL PAIN *P. R. Joyce, J. W. B. Walshe, J. A. Bushnell and J. B. Morton* 465

THE INTRALUMINAL ADMINISTRATION OF PERFLUOROCHEMICALS TO THE ISCHAEMIC GASTROINTESTINAL TRACT *S. Baba and K. Mizutani* 468

(continued overleaf)

SURGICAL TECHNIQUES

SINGLE-LAYER CONTINUOUS COLORECTAL ANASTOMOSIS *H. Randolph Bailey, John W. LaVoo, Ernest Max, Kenneth W. Smith and James M. Hampton* 473

A TECHNIQUE FOR THE OPERATIVE CLOSURE OF PERSISTENT EXTERNAL SMALL-BOWEL FISTULAS *Graham L. Hill and C. P. Bambach* 477

THE PARASTOMAL HERNIA *Douglas Leslie* 485

SURGICAL RESEARCH

THE IMMUNE RESPONSE TO CARCINOMA OF THE COLON IN A RAT MODEL: A TEMPORAL STUDY *A. K. House* 487

CASE REPORTS

INTRAPANCREATIC PSEUDOCYST FORMATION: A COMPLICATION OF ACRYLATE PANCREATIC DUCT OBLITERATION *William F. Ward* 494

PRIMARY HISTIOCYTIC LYMPHOMA OF THE BLADDER *A. R. Cato* 496

AORTOCAVAL FISTULA: A CASE REPORT *M. V. Booshanam, S. Muralidharan, Shankar Krishnaswamy, Asish Banerjee and Ramji Narayanan* 498

BILATERAL BREAST CANCER IN A CHINESE MALE *T. T. Alagaratnam, J. Shum Ding-Ping, F. C. Y. Cheng and G. B. Ong* 501

POINT OF VIEW

FINAL EXAMINATIONS IN SURGERY: SUPPORT FOR THE RETENTION OF THE CLINICAL EXAMINATION *William M. Castleden, Stuart A. Halse and Norman S. Stenhouse* 503

SURGICAL HISTORY

THE FOUNDERS OF THE COLLEGE 508
QUEENSLAND
The following biographies were prepared by C. A. C. Leggett
Donald Allan Cameron
Graham Patrick Dixon
John Lockhart Gibson
Ernst Sandford Jackson
William Nathaniel Robertson

NOTICES 513

CORRIGENDUM 513

BOOK REVIEWS 514

INSTRUCTIONS TO AUTHORS (Inside back cover)

This Journal is indexed in Index Medicus, "Medlars" and "Current Contents: Clinical Practice".

Page

EDITORIAL COMMENT
RACS BULLETIN 517

THE ANSTEY GILES LECTURE
OPENING AND CLOSING THE GROWTH PLATE *Malcolm Menelaus* 518

ORTHOPAEDIC SURGERY
RESULTS OF GEOMETRIC ARTHROPLASTY FOR RHEUMATOID AND OSTEOARTHRITIS OF THE KNEE *G. P. Lowe and J. C. McNeur* 528

THE RESULTS OF JOINT REPLACEMENT SURGERY IN RENAL TRANSPLANT PATIENTS *W. B. Maguire, P. Muscio and P. A. Dodd* 534

THE MANAGEMENT OF ACUTE LIGAMENTOUS INJURIES OF THE KNEE EXPERIENCE WITH 116 PATIENTS *J. G. Fraser and I. B. McPhee* 538

SIMULTANEOUS ANTERIOR AND POSTERIOR BILATERAL TRAUMATIC DISLOCATION OF THE HIPS: A CASE REPORT *Ian D. S. Civil and Peter W. Tapsell* 542

ACUTE OSTEOMYELITIS OF THE SPINE WITH PARAPLEGIA *C. V. David and P. Balasubramaniam* 544

FAT EMBOLISM SYNDROME: INCIDENCE, SIGNIFICANCE AND EARLY FEATURES *Peter Moor, Owen James and Nicholas Saltos* 546

VASCULAR SURGERY
DEMOGRAPHY OF ARTERIAL SURGERY IN NEW SOUTH WALES *David A. Hill and Reginald S. A. Lord* 552

GLUTARALDEHYDE TANNED OVINE COLLAGEN COMPARED WITH POLY-TETRAFLUOROETHYLENE (GORE-TEX) AS A CONDUIT FOR SMALL CALIBRE ARTERY SUBSTITUTION: AN EXPERIMENTAL STUDY IN DOGS *V. Ketharanathan and Bruce A. Christie* 556

POLYTETRAFLUOROETHYLENE (PTFE) GRAFTS FOR HAEMODIALYSIS IN CHRONIC RENAL FAILURE: ASSESSMENT OF DURABILITY AND FUNCTION AT THREE YEARS *Adam Rapaport, George P. Noon and Charles H. McCollum* 562

AN AID TO THE INSERTION OF ARTERIOVENOUS SHUNTS *K. G. McCullough* 567

CONTROL OF THE UPPER INFRARENAL AORTA *Reginald S. A. Lord, G. Douglas Tracy, Antony R. Graham and David A. Hill* 569

GENERAL SURGERY
BASAL CELL CARCINOMA IN QUEENSLAND *Anthony J. J. Emmett and Geoffrey G. Broadbent* 576

EMERGENCY SURGERY FOR THE COMPLICATIONS OF PEPTIC ULCER IN THE ELDERLY *S. P. Pillay, I. R. Hardie and W. Burnett* 590

RUPTURE OF THE DIAPHRAGM ASSOCIATED WITH SPINAL CORD INJURY *John C. Hall, M. C. Douglas and D. Burke* 594

TRACHEOSTOMY IN THE MANAGEMENT OF CHEST INJURIES: ITS USE AND COMPLICATIONS *O. F. James and P. G. Moore* 598

PHARYNGEAL RECONSTRUCTION AFTER PHARYNGOLARYNGOESOPHAG-ECTOMY IN AFRICAN PATIENTS *Aylwyn Mannell and K. Davidge-Pitts* 603

(continued overleaf)

HEART SURGERY IN PATIENTS UNDER HAEMODIALYSIS *J. Gońez-Arnau, E. Domińguez, P. Peral, M. G. Aguilar, A. Criado and F. Avello* 610

PIPERACILLIN IN SURGICAL INFECTIONS: A CLINICAL TRIAL *W. T. Morris and P. Janet Say* 614

BLOOD TRANSFUSION TODAY — 'ARTIFICIAL BLOOD' TOMORROW *Witold J. Rudowski* 618

SURGICAL HISTORY

THE FOUNDERS OF THE COLLEGE

WESTERN AUSTRALIA 623
The following biographies were prepared by D. W. Fleming
Frederick Augustus Hadley
William Trethowan

TASMANIA 625
The following biographies were prepared by P. Braithwaite
David Henry Edward Lines
John Ramsay

GEORGE GREY TURNER, F.R.A.C.S. (HON.)
B. K. Rank 627

WILLIAM R. WILDE, ANDREW S. GRAY, AND TWO EYE AND EAR HOSPITALS OF VERY SIMILAR NAME *Ronald F. Lowe* 630

NOTICES 637

BOOK REVIEWS 639

INDEX TO VOLUME 51

INSTRUCTIONS TO AUTHORS

This Journal is indexed in Index Medicus, "Medlars" and "Current Contents: Clinical Practice".

THEMES FOR FUTURE ISSUES

GASTROINTESTINAL CANCER
NUTRITION AND SURGERY
UROLOGY
RECONSTRUCTION SURGERY

INDEX

A

Abdominal Injuries –
Splenic trauma from blunt abdominal injury by M. C. Bellemore and A. R. Power. 39
Abe, O. – *see* Kodaira, S. 429
Murayama, Norihisa 420
Abscess –
Accurate localization and extraperitoneal drainage of pancreatic abscess by T. R. Porter and G. A. E. Coupland 36
Achalasia of oesophagus – *see* Cardiospasm
Acland, Sir Hugh Thomas Dyke 95
Acrylates –
Intrapancreatic pseudocyst formation: a complication of acrylate pancreatic duct obliteration by William F. Ward. 494
Adenocarcinoma –
The clinical presentation of adenocarcinoma of the transverse colon by John C. Hall. 451
Epidermoid carcinoma compared with adenocarcinoma of the anal canal by Katsuisa Shindo. 426
Adenoma –
Lymph node metastases from carcinomas developing in pedunculated and semi-pedunculated colorectal adenomas by S. Kodaira, T. Teramoto, S. Ono, K. Takizawa, T. Katsumata and O. Abe. 429
Agrez, M. V., Dozois and Behars – Volvulus of the kock pouch with obstruction and perforation: a case report. 311
Aguilar, M. G. – *see* Gomez-Arnau, J. 610
Alagaratnam, T. T. – Uncommon forms of mastitis 45
Alagaratnam, T. T., Ding-ping, Cheng and Ong – Bilateral breast cancer in a Chinese male. 501
Aldehydes –
Glutaraldehyde tanned ovine collagen compared with polytetrafluoroethylene (gore-tex) as a conduit for small calibre artery substitution: an experimental study in dogs by V. Ketharanathan and Bruce A. Christie. 556
Aminoglutethimide –
Aminoglutethimide therapy in advanced breast cancer by J. L. Anderson, G. Phillipou and R. B. Black. 20
Oestrogen receptors and the response of metastatic breast cancer to aminoglutethimide or tamoxifen by I. M. Holdaway. 345
Anabolic steroids –
The effect of an anabolic steroid on body composition in patients receiving intravenous nutrition by Alastair G. Yule, John Macfie, and Graham L. Hill. 280
Analgesic nephropathy – *see* Kidney diseases
Anastomosis – *see* suture techniques
Anderson, J. L. and Bridgewater – Laparoscopy in the diagnosis of acute lower abdominal pain .. 462
Anderson, J. L., Phillipou and Black – Aminoglutethimide therapy in advanced breast cancer. 20
Aneurysm –
Duodenal polyp or aneurysm? Possible hazard of endoscopic polypectomy by C. N. MacDougall and W. M. Castleden. 371
Fatal epistaxis from an aneurysm of the intracranial internal carotid artery by J. Hornibrook and J. C. Rhode. 206
Angiomyolipoma –
Renal angiomyolipoma: preoperative diagnosis and conservative therapy by J. T. Jeffery, A. G. S. Tulloch and B. Whitney. 307
Angiosarcoma –
Angiosarcoma of the breast: a case report by S. A. Hart, L. V. Sisley and A.E.G. Tannenberg. 79
Anstey Giles Lecture –
Opening and closing the growth plate by Malcolm Menelaus. 518
Aorta –
Control of the upper infrarenal aorta by Reginald S. A. Lord, G. Douglas Tracy, Antony R. Graham and David A. Hill. 569
Aortic Aneurysm – Complications –
Aortocaval fistula – a case report by M. V. Booshanam, S. Muralidharan, Shankar Krishnaswamy, Asish Banerjee and Ramji Narayanan. 498
Appendicectomy –
Readmissions to hospital after appendicectomy for non-specific adominal pain by P. R. Joyce, J. W. B. Walshe, J. A. Bushnell and J. B. Morton. 465
Appendicitis –
Acute appendicitis by W. J. Boerema, K. G. Burnand and R. I. Fitzpatrick. 165
Appendix –
An analysis of the pathology of 3003 appendices by Alexander R. Chang. 169
Archibald Watson Memorial Lecture – 415
Our honoured anatomists by R. G. Elsmlie ...
Armstrong, Lance and Hackett – Lipogranuloma of the male genitalia. 72
Arnau, J. Gomez – *see* Gomez-Arnau, J.
Arteries – Surgery –
Demography of arterial surgery in New South Wales by David A. Hill and Reginald S. A. Lord. 552
Glutaraldehyde tanned ovine collagen compared with polytetrafluoroethylene (gore-tex) as a conduit for small calibre artery

substitution an experimental study in dogs by V. Ketharanathan and Bruce A. Christie. 556
Arteriovenous Shunt, Surgical –
An aid to the insertion of arteriovenous shunts by K. G. McCullough. 567
Arthritis, Rheumatoid –
Results of geometric arthroplasty for rheumatoid and osteoarthritis of the knee by G. P. Lowe and J. C. McNeur. 528
Arthroplasty –
Results of geometric arthroplasty for rheumatoid and osteoarthritis of the knee by G. P. Lowe and J. C. McNeur. 528
Askew, A. R. and Napier – The biological activity of different gastrin peptides assessed using a bioassay. 341
Avello, F. – *see* Gomez-Arnau, E. 610

B

Baba, Shozo and Mizutani – The intraluminal administration of perfluorochemicals to the ischaemic gastrointestinal tract. 468
Baba, Shozo – *see* Murayama, Norihisa 420
Bacon, Harry Ellicott – *see* Harry Ellicott Bacon Oration. 117
Bacterial Infections –
Oesophageal microbial flora in carcinoma of the oesophagus by W. F. Lau, J. Wong, K. H. Lam and G. B. Ong. 52
Bailey, H. Randolf, La Voo, Max, Smith and Hampton – Single-layer continuous colorectal anastomosis. 473
Balasubramaniam, P – *see* David, C. V. 544
Bambach, C. P. – *see* Hill, Graham L. 477
Banerjee, Asish – *see* Booshanam, M. V. 498
Bapna, B. C. – *see* Sharma, S. K. 204
Barnett, Sir Louis Edward 97
Barrett, James William 227
Battersby, Cameron – Psychological implications of mastectomy. 300
BCNU – *see* Carmustine
Beahrs, O. H. – *see* Agrez, M. V. 311
Bell, Gordon – *see* Gordon Bell Memorial Lecture. 247
Bellemore, M. C. and Power – Splenic trauma from blunt abdominal injury. 39
Benzimidazoles –
Long-term high-dose mebendazole for cystic hydatid disease of liver: failure in two cases by Peter A. Braithwaite. 23
Bhatnagar, B. N. S. – *see* Kakar, A. 456
Bhattacharyya, N. C., Yadav, Mitra and Pathak – Lymphangiomas in children. 296
Bhuller, Gurpal S. and Hardy – Ipsilateral elbow and forearm injuries in children. 65
Bilary Tract Diseases –
Endoscopic sphincterotomy in high-risk patients with biliary tract disease by Ian C. Roberts-Thomson. 289
Black, R. B. – *see* Anderson, J. L. 20
Bladder Calculi –
Urinary bladder stones in Aboriginal children by Z. S. Wisniewski, J. G. Brockis and G. D. Ryan. 292
Bladder Neoplasms –
Primary histiocytic lymphoma of the bladder by A. R. Cato. 496
Bladder Neurogenic –
Bladder neck closure for neurogenic incontinence by R. R. A. Syme 197
Bladder Stones – *see* Bladder Calculi.
Blood Transfusion –
Blood transfusion today – artificial blood tomorrow by Witold J. Rudowski. 618
The ordering of blood for elective general surgical operations by E. Farmer and J. M. Ham. 68
Boerema, W. J., Burnand and Fitzpatrick – Acute Appendicitis. 165
Boey, John, Choi, Wong, and Ong – The surgical management of anorectal malignant melanoma. 132
Bokey, E. L. – *see* Hool, G. L. 358
Booshanam, M. V., Muralidharan, Krishna- swamy, Banerjee and Narayanan – Aortocaval fistula – a case report. 498
Bowel Fistula – *see* Intestinal Fistula
Bowen, T. Aubrey –
T. Aubrey Bowen and his house at 167 Collins Street East Melbourne by Ronald F. Lowe. 102
Boyle, P. D. – *see* Splatt, D. A. 81
Brady, Andrew John 319
Braithwaite, P. – The founders of the College. Tasmania. 625
Braithwaite, Peter – Long-term high-dose mebendazole for cystic hydatid disease of liver: failure in two cases. 23
Braithwaite, Peter A., Rust and Lowenthal – The value of the Hickman-type right atrial catheter for venous access in cancer patients. 359
Breast Cancer – *see* Breast Neoplasms
Breast Neoplasms –
Aminoglutethimide therapy in advanced breast cancer by J. L. Anderson, G. Phillipou and R. B. Black. 20
Bilateral breast cancer in a Chinese male by T. T. Alagaratnam, J. Shum Ding-ping, F.C.Y. Cheng and G. B. Ong. 501
Is there a seasonal variation in oestrogen receptor levels in human breast carcinoma tissues? by R. Hähnel, R. Parasiliti, E. Twaddle and T. Woodings. 183
Oestrogen receptors and the response of metastatic breast cancer to amino- glutethimide or tamoxifen by I. M. Holdaway. 345
Oestrogen receptors in breast cancer: greater care in collection by T. S. Reeve and C. M. Smyth. 185
Bremner, J. M. – *see* Nicol, R. O. 27
Bridger, G. Patrick – Multiple osteotomies in rhinoplasty. 363

Bridgewater, F. H. G. – *see* Anderson, J. L. 462
Broadbent, Geoffrey G. – *see* Emmett, Anthony J. J. 576
Brockis, J. G. – *see* Wisniewski, Z. S. 292
Brownstein, E. G. – Multiple metachronous gastro-intestinal carcinoma. 446
Burke, D. – *see* Hall, John C. 594
Burnett, W. – *see* Pillay, S. P. 590
Burns, W. Ivon – *see* Snyder, Raymond D. 377
Bushnell, J. A. – *see* Joyce, P. R. 465

C

Cade, R., Collopy, and Ryan – Enterolith ileus complicating a jejunal diverticulum. 309
Calculi –
Matrix calculi and gout by R. C. Jaworski 372
Meckel stone ileus: a case report by Alexander B. F. Grant. 77
Cameron, Donald Allan 508
Cancer – *see* Neoplasms
Carcinoma –
The distribution of colorectal carcinoma and the relationship of tumour site to the survival of patients following resection by Pierre H. Chapuis, Ronald C. Newland, Jennifer G. MacPherson, Owen Dent, John E. Payne and Murray T. Pheils. 127
Early diagnosis of metachronous colorectal carcinoma by Anders Törnqvist, Göran Ekelund and Lennart Leander. 442
The immune response to carcinoma of the colon in a rat model: a temporal study by A. K. House. 487
Lymph node metastases from carcinomas developing in pedunculated and semi-pedunculated colorectal adenomas by S. Kodaira, T. Teramoto, S. Ono, K. Takizawa, T. Katsumata and O. Abe. 429
Multiple metachronous gastro-intestinal carcinoma by E. G. Brownstein 446
Oesophageal microbial flora in carcinoma of the oesophagus by W. F. Lau, J. Wong, K. H. Lam and G. B. Ong. 52
Small-intestinal obstruction following resection for carcinoma of the rectum by William R. Johnson, Francis T. McDermott, Eric Pihl and Edward S. R. Hughes. 34
Use of radiotherapy for pelvic recurrence following abdominoperineal resection for carcinoma of the rectum: a 10 year experience by Antonio H. Villalon and David Green. 149
Carcinoma, Basal Cell —
Basal cell carcinoma in Queensland by Anthony J. J. Emmett and Geoffrey G. Broadbent. 576
Carcinoma, Epidermoid —
Epidermoid carcinoma compared with adenocarcinoma of the anal canal by Katsuisa Shindo 426
Cardioplegia —
The efficacy of potassium-induced cardioplegia and topical hypothermia in the correction of congenital cardiac lesions by H. S. Saw, J. S. Juggi, A. Ganendran and K. Pathrap 264
Cardiospasm –
A review of 74 patients with oesophageal achalasia: the results of Heller's cardiomyotomy with and without Nissen fundoplication by Peter Tomlinson and Alexander F. Grant 48
Carmustine –
A prospective trial of 5-FU and BCNU in the treatment of advanced gastric cancer by Glyn G. Jamieson and P. Grantley Gill. 16
Carotid Artery, Internal –
Fatal epistaxis from an aneurysm of the intracranial internal carotid artery by J. Hornibrook and J. C. Rhode. 206
Castleden, William M., Halse and Stenhouse – Final examinations in surgery: support for the retention of the clinical examination. 503
Castleden, William M. – *see* Macdougall, C. N. .. 371
Catheterization –
The value of the Hickman-type right atrial catheter for venous access in cancer patients by Peter A. Braithwaite, Vicki J. Rust and Raymond M. Lowenthal. 359
Cato, A. R. – Primary histiocytic lymphoma of the bladder. 496
Cell Migration Inhibition –
Studies on cell-mediated immunity in patients with colorectal cancer leucocyte migration inhibition test using allogenic 3M KCl extract by O. Kojima, Y. Fujita, N. Iwai, T. Yamane, N. Kitagawa, B. Nishioka and S. Majima. 434
Cephazolin –
Prevention of wound infection in elective colorectal resections by preoperative cephazolin with and without metronidazole by F. T. McDermott, A. L. Polglase, W. R. Johnson and E. S. R. Hughes. 351
Chang, Alexander – An analysis of the pathology of 3003 appendices. 169
Chang, V. P. – *see* Windsor, H. M. 271
Chapuis, Pierre H., Newland, MacPherson, Dent, Payne and Pheils – The distribution of colorectal carcinoma and the relationship of tumour site to the survival of patients following resection. 127
Chapuis, P. H. – *see* Payne, J. E. 12
Cheng, F. C. Y. – *see* Alagaratnam, T. T. 501
Cheng, F. C. Y., Shum, and Ong – The treatment of second degree haemorrhoids by injection, rubber band ligation, maximal anal dilatation and haemorrhoidectomy: a prospective clinical trial. 458
Chest – *see* Thorax
Chisholm, William. 320
Choi, T. K. – *see* Boey, John. 132
Christie, Bruce A. – *see* Ketharanathan, V. 556
Chronic Renal Failure – *see* Kidney Failure, Chronic.
Civil, I. D. S. and Hackett – Papillary cystadenoma of the epididymis: a case report. 304
Civil, Ian D. S. and Tapsell – Simultaneous

anterior and posterior bilateral traumatic dislocation of the hips: a case report. 542
Clinical Trials –
Information flow in the conduct of multicentred collaborative controlled clinical trials of cancer therapy by Alan Coates. 6
Clubbe, Sir Charles Percy Barlow. 320
Clunie, Gordon J. A. – ***see*** Meech, Peter R. 161
Coates, Alan – Information flow in the conduct of multicentred collaborative controlled clinical trials of cancer therapy. 6
Coin Lesion, Pulmonary –
Pulmonary coin lesions: a ten year review of 239 cases by P. L. Nandi, S. C. Tang, C. K. Mok, W. T. Lee and G. B. Ong. 56
Collagen –
Glutaraldehyde tanned ovine collagen compared with polytetrafluoroethylene (gore-tex) as a conduit for small calibre artery substitution: an experimental study in dogs by V. Ketharanathan and Bruce A. Christie. 556
Collopy, B. – ***see*** Cade, R. 309
Colo-Enteric Fistulae – ***see*** Intestinal Fistula
Colon – Injuries –
Colorectal injuries by Russell W. Strong. 285
Colon – Surgery –
Prevention of wound infection in elective colorectal resections by preoperative cephazolin with and without metronidazole by F. T. McDermott, A. L. Polglase, W. R. Johnson and E. S. R. Hughes. 351
Single-layer continuous colorectal anastomosis by H. Randolph Bailey, John W. La Voo, Ernest Max, Kenneth W. Smith and James M. Hampton. 473
Colonic Cancer – ***see*** Colonic Neoplasms
Colonic Neoplasms –
Changing survival prospects in rectal and colonic cancer by F. T. McDermott, E. S. R. Hughes, E. Pihl and A. B. Price. 120
The clinical presentation of adenocarcinoma of the transverse colon by John C. Hall. 451
Colorectal cancer: the modern treatment of disseminated disease by Raymond D. Snyder and W. Ivon Burns. 377
Comparative survival rates in symptomatic peripheral vascular disease and colorectal cancer by K. W. Faulkner and A. K. House. 152
The distribution of colorectal carcinoma and the relationship of tumour site to the survival of patients following resection by Pierre H. Chapuis, Ronald C. Newland, Jennifer G. MacPherson, Owen Dent, John E. Payne and Murray T. Pheils. 127
Early diagnosis of metachronous colorectal carcinoma by Anders Törnqvist, Göran Ekelund and Lennart Leandoer. 442
The effect of fluorouracil on survival in metastatic colorectal cancer: fluorouracil response improves survival by J. E. Payne, M. T. Pheils, P. H. Chapuis and J. G. MacPherson. 12
The immune response to carcinoma of the colon in a rat model: a temporal study by A. K. House. 487
Knowledge of colorectal cancer and attitude to occult blood testing among recent medical graduates in New South Wales by Owen Dent and Kerry Goulston. 137
Lymph node metastases from carcinomas developing in pedunculated and semi-pedunculated colorectal adenomas by S. Kodaira, T. Teramoto, S. Ono, K. Takizawa, T. Katsumata and O. Abe. 429
Serum immunoglobulins in colorectal cancer by Ian Gough. 440
Studies on cell-mediated immunity in patients with colorectal cancer: leucocyte migration inhibition test using allogenic 3M KCl extract by O. Kojima, Y. Fujita, N. Iwai, T. Yamane, N. Kitagawa, B. Nishioka and S. Majima. 434
Colorectal Adenomas – ***see*** Adenoma
Colorectal Cancer – ***see*** Colonic Neoplasms, Rectal Neoplasms
Colorectal Resection – ***see*** Colon – Surgery, Rectum – Surgery
Congenital Cardiac Lesions – ***see*** Heart Defects, Congenital
Constipation –
Surgery for constipation by E. S. R. Hughes, F. T. McDermott, W. R. Johnson and A. L. Polglase. 144
Corlette, Cyril Ernest. 321
Coupland, G. A. E. – ***see*** Porter, T.R. 36
Coventry, D. A. – ***see*** Gibson, P. R. 336
Craig, Gordon. 321
Cregan, P., Hollingshead, Smith and Gillett – Congenital duodenal diaphragm in an adult. .. 74
Criado, A. – ***see*** Gomez-Arnau, J. 610
Cross, Mervyn J. and Watson – Cysts and "pseudocysts" of the menisci of the knee joint. 59
Cudmore, Sir Arthur Murray. 400
Cystadenoma –
Cystadenoma of the pancreas: report of a case diagnosed by endoscopic retrograde pancreatography by Aylwyn Mannell and Leonard Ou Tim. 201
Papillary cystadenoma of the epididymis: a case report by I. D. S. Civil and A. H. Hackett. ... 304
Cysts –
Cysts and "pseudocysts" of the menisci of the knee joint by Mervyn J. Cross and A. Stuart Watson. 59
Cysts, Hydatid – *see* Echinococcosis

D

David, C. V. and Balasubramaniam -Acute osteomyelitis of the spine with paraplegia. 544
Davidge-Pitts, K. – *see* Mannell, Aylwyn. 603

Demography –
Demography of arterial surgery in New South Wales by David A. Hill and Reginald S. A. Lord. 552
Dent, Owen and Goulston – Knowledge of colorectal cancer and attitude to occult blood testing among recent medical graduates in New South Wales. 137
Dent, Owen – *see* Chapuis, Pierre H. 127
Devine, Sir Hugh Berchmans. 228
Diaphragm –
Rupture of the diaphragm associated with spinal cord injury by John C. Hall, M. C. Douglas and D. Burke. 594
Diathermy –
A technique of diathermy sclerosis of varicose veins by Kevin O'Reilly. 379
Ding-Ping, J. Shum – *see* Alagaratnam, T. T. 501
Distal Lienorenal Shunt –
The distal lienorenal shunt: perioperative experience with 30 patients by P. R. Gibson, I. E. McInnes, D. S. Rosengarten, A. W. Jakobovits, D. A. Coventry and F. J. Dudley. . . 336
Diverticulosis, Colonic –
An aetiological study of diverticulosis of the right colon by Norihisa Murayama, Shozo Baba, Susumu Kodaira and Osahiko Abe. 420
Dixon, Graham Patrick. 509
Dodd, P. A. – *see* Maguire, W. B. 534
Dominguez, P. – *see* Gomez-Arnau, J. 610
Douglas, M. C. – *see* Hall, John C. 594
Dozois, R. R. – *see* Agrez, M. V. 311
Druitt, Douglas M. – *see* Johnson, William R. 383
Dudley, F. J. – *see* Gibson, P. R. 336
Dudley, H. A. F. – Gordon Bell Memorial Lecture: From Edinburgh an academic surgeon. 247
Duodenal Obstruction –
Congenital duodenal diaphragm in an adult by P. Cregan, J. Hollingshead, R. Smith and D. Gillett. 74
Mucocele of the gallbladder: an unusual cause of duodenal obstruction by R. J. Stunden and J. K. Francis. 369

E

Echinococcosis, Hepatic –
Long-term high-dose mebendazole for cystic hydatid disease of liver: failure in two cases by Peter A. Braithwaite. 23
Embolism, Fat –
Fat embolism syndrome: incidence, significance and early features by Peter Moor, Owen James and Nicholas Saltos. 546
Educational Measurement –
Final examinations in surgery: support for the retention of the clinical examination by William M. Castleden, Stuart A. Halse and Norman S. Stenhouse. 503
Ekelund, Göran, – *see* Törnqvist, Anders 442
Elbow – Injuries –
Ipsilateral elbow and forearm injuries in children by Gurpal S. Bhuller and A. E. Hardy. 65
Ellis, Howard J. – *see* Whittle, Ian R. 190
Elmslie, R. G. – The Archibald Watson Memorial Lecture: Our honoured anatomists. 415
Emmett, Anthony J. J. and Broadbent. – Basal cell carcinoma in Queensland. 576
End-To-End Anastomosis Stapling –
Improved techniques in E.E.A. stapling for ultra low colorectal and colo-anal anasto- mosis by A. L. Polglase, E.S.R. Hughes and F. T. McDermott. 211
Endoscopy –
Duodenal polyp or aneurysm? Possible hazard of endoscopic polypectomy by C. N. MacDougall and W. M. Castleden. 371
Enterolith Ileus –
Enterolith ileus complicating a jejunal diverticulum by R. Cade, B. Collopy and P. Ryan. 309
Epidemiology –
The epidemiology of lower limb ischaemia in a New South Wales rural community by David A. Hall and Michael A. McGrath. 157
Epidermoid Carcinoma – *see* Carcinoma, Epidermoid
Epididymis –
Papillary cystadenoma of the epididymis: a case report by I. D. S. Civil and A. H. Hackett. 304
Epilepsy –
The surgical treatment of intractable childhood and adolescent epilepsy by Ian R. Whittle, Howard J. Ellis and Donald A. Simpson. 190
Epistaxis –
Fatal epistaxis from an aneurysm of the intracranial internal carotid artery by J. Hornibrook and J. C. Rhode. 206
Examinations – *see* Educational Measurement

F

Farmer, E. and Ham – The ordering of blood for elective general surgical operations. 68
Fat Embolism – *see* Embolism, Fat
Faulkner, K. W. and House – Comparative survival rates in symptomatic peripheral vascular disease and colorectal cancer. 152
Ferguson, Sir Henry Lindo. 99
Fiaschi, Thomas Henry 322
Fischer, S. – *see* Paroulakis, M. 257
Fistula –
Aortocaval fistula – a case report by M. V. Booshanam, S. Muralidharan, Shankar Krishnaswamy, Asish Banerjee and Ramji Narayanan. 498
5-FU – *see* Fluorouacil
Fleming, D. W. – The founders of the College: Western Australia. 623
Fletcher, J. P. and Little – Vascular trauma. 333

Fluorouracil –
The effect of fluorouracil on survival in metastatic colorectal cancer: fluorouracil response improves survival by J. E. Payne, M. T. Pheils, P. H. Chapuis and J. C. MacPherson. 12
A prospective trial of 5-FU and BCNU in the treatment of advanced gastric cancer by Glyn G. Jamieson and P. Grantley Gill. 16
Forbes, John F. — Biological versus statistical planning of clinical trials 3
Forearm Injuries –
Ipsilateral elbow and forearm injuries in children by Gurpal S. Bhuller and A. E. Hardy. 65
Fox, R. M. – Commentary. 15
Francis, J. K. – *see* Stunden, R. J. 369
Fraser, J. G. and McPhee – The management of acute ligamentous injuries of the knee: experience with 116 patients. 538
Fujita, Y. – *see* Kojima, O. 434

G

Gallbladder –
Mucocele of the gallbladder: an unusual cause of duodenal obstruction by R. J. Stunden and J. K. Francis. 369
Ganendran, A – *see* Saw, H. S. 264
Gardiner, R. A. – *see* Splatt, D. A. 81
Gastric Duplication – *see* Stomach
Gastric Fistula –
Benign gastro-colic fistulae by John W. Hollinshead, Ross C. Smith and David J. Gillett. 452
Gastrin –
The biological activity of different gastrin peptides assessed using a cytochemical section bioassay by A. R. Askew and B. J. Napier. 341
Gastro-Colic Fistula – *see* Gastric Fistula
Gastrointestinal Neoplasms –
Multiple metachronous gastrointestinal carcinoma by E. G. Brownstein. 446
Gastrointestinal System –
The intraluminal administration of perfluorochemicals to the ischaemic gastrointestinal tract by Shoza Baba and Kenji Mizutani. 468
Genitalia, Male –
Lipogranuloma of the male genitalia by Lance Armstrong and Arthur H. Hackett. 72
Gibson, John Lockhart. 510
Gibson, P. R., McInnes, Rosengarten, Jakobovits, Coventry and Dudley – The distal lienorenal shunt: perioperative experience with 30 patients. 336
Giles, William Anstey. 401
Gill, P. Grantley – *see* Jamieson, Glyn G. 16
Gillespie, William J. – *see* Thurston, Alan J. 374
Gillett, David J. – *see* Hollinshead, John W. 452
Gillett, D. – *see* Cregan, P. 74
Gillett, R. – *see* Ibrahim, N. B. N. 188
Glutaraldehyde – *see* Aldehydes
Gomez-Arnau, J., Dominguez, Peral, Aguilar, Criado and Avello – Heart surgery in patients under haemodialysis. 610
Gordon Bell Memorial Lecture –
From Edinburgh, an academic surgeon by H. A. F. Dudley. 247
Gough, Ian – Serum immunoglobulins in colorectal cancer. 440
Goulston, Kerry – *see* Dent, Owen. 137
Gout –
Matrix calculi and gout by R. C. Jaworski. 372
Graham, Antony R. – *see* Lord, Reginald S. A. 569
Grant, Alexander B. F. – Meckel stone ileus: a case report. 77
Grant, Alexander F. – *see* Tomlinson, Peter 48
Gray, Andrew S. 630
Gray, F. J. – Strangulated hernia of the forearm of morgagni: introducing a principle for the reduction of obstructed intraabdominal hernias. 314
Green, Anthony – *see* O'Reilly, Kevin 367
Green, David – *see* Villalon, Antonio H. 149
Growth Plate –
Opening and closing the growth plate by Malcolm Menelaus. 518

H

Hackett, A. H. – *see* Civil, I. D. S. 304
Hackett, Arthur H. – *see* Armstrong, Lance. 72
Hadley, Frederick Augustus 623
Haemodialysis –
Heart surgery in patients under haemodialysis by J. Gomez-Arnau, E. Dominguez, P. Peral, M. G. Aguilar, A. Criado and F. Avello. 610
Long-term experience of Thomas shunts on the iliac vessels by Peter R. Meech, Ian R. Hardie, Lionel C. J. Hartley, Peter W. H. Woodruff, Russell W. Strong and Gordon J. A. Clunie. . 161
Polytetrafluoroethylene (PTFE) grafts for haemodialysis in chronic renal failure: assessment of durability and function at three years by Adam Rapaport, George P. Noon and Charles H. McCollum. 562
Haemorrhoids –
The treatment of second degree haemorrhoids by injection, rubber band ligation, maximal anal dilation and haemorrhoidectomy: a prospective clinical trial by F. C. Y. Cheng, D. W. P. Shum and G. B. Ong. 458
Hähnel, R., Parasiliti, Twaddle and Woodings – Is there a seasonal variation in oestrogen receptor levels in human breast carcinoma tissues? 183
Hall, John C. – The clinical presentation of adenocarcinoma of the transverse colon. 451
Hall, John C., Douglas and Burke – Rupture of the diaphragm associated with spinal cord injury. . 594
Halse, Stuart A. – *see* Castleden, William M. 503
Ham, J. M. – *see* Farmer, E. 68
Hampton, James M. – *see* Bailey, H. Randolph 473
Hardie, Ian R. – *see* Meech, Peter R. 161

and Pillay, S. P. 590
Hardy, A. E. – *see* Bhuller, Gurpal S. 65
Harry Ellicott Bacon Oration – 117
Hart, S. A., Sisley and Tannenberg – Angiosarcoma of the breast: a case report. 79
Hartley, Lionel C. J. – *see* Meech, Peter R. 161
Heart Defects, Congenital –
The efficacy of potassium-induced cardioplegia and topical hyothermia in the correction of congenital cardiac lesions by H. S. Saw, J. S. Juggi, A. Ganendran and K. Prathap. 264
Heart Surgery –
Heart surgery in patients under haemodialysis by J. Gomez-Arnau, E. Dominguez, P. Peral, M. G. Aguilar, A. Criado and F. Avello. 610
Heller's Cardiomyotomy –
A review of 74 patients with oesophageal achalasia: the results of Heller's cardiomyotomy with and without Nissen fundoplication by Peter Tomlinson and Alexander F. Grant. .. 48
Hernia –
The parastomal hernia by Douglas Leslie. 485
Strangulated hernia of the foramen of morgagni: introducing a principle for the reduction of obstructed intraabdominal hernias by F. J. Gray. 314
Hickman-type Right Atrial Catheter – *see* Catheterization
Hill, David A. and Lord – Demography of arterial surgery in New South Wales. 552
Hill, David A. and McGrath – The epidemiology of lower limb ischaemia in a New South Wales rural community. 157
Hill, David A. – *see* Lord, Reginald, S. A. 569
Hill, Graham L. and Bambach – A technique for the operative closure of persistent small-bowel fistulas. 477
Hill, Graham L. – *see* Yule, Alastair G. 280
Hip Dislocation –
Simultaneous anterior and posterior bilateral traumatic dislocation of the hips: a case report by Ian D. S. Civil and Peter W. Tapsell. 542
Hodgkin's Disease –
Staging laparotomy in Hodgkin's disese by R. O. Nicol and J. M. Bremner. 27
Holdaway, I. M. – Oestrogen receptors and the response of metastatic breast cancer to aminoglutethimide or tamoxifen. 345
Hollingshead, John W., Smith and Gillett – Benign gastro-colic fistulae. 452
Hollingshead, J.– *see* Cregan, P. 74
Hool, G. L., – Bokey and Pheils – Diverticular colo-enteric fistulae. 358
Hornibrook, J. and Rhode – Fatal epistaxis from an aneurysm of the internal carotid artery. 206
House, A. K. – The immune response to carcinoma of the colon in a rat model: a temporal study. . 487
House, A. K. – *see* Faulkner, K. W. 152
Howard, R. N. – The founders of the College: Victoria. 227
Hughes, E. S. R. – The Harry Ellicott Bacon Oration: The development of a restorative operation for carcinoma of the rectum. 117
Hughes, E. S. R., McDermott, Johnson and Polglase – Surgery for constipation. 144
Hughes, E. S. R. – *see* McDermott, F. T. 351
McDermott, F. T. 120
Polglase, A. L. 211
Johnson, William R. 34
Hydatid Cyst – *see* Echinococcosis
Hypothermia –
The efficacy of potassium-induced cadioplegia and topical hypothermia in the correction of congenital cardiac lesions by H. S. Saw, J. S. Juggi, A. Ganendran and K. Prathap. 264

I

Ibrahim, N. B. N., Milewski, Gillett and Temple – Benign thyroid inclusions within cervical lymph nodes: an alarming incidental finding. 188
Ileo-Sigmoid Knotting –
Ileo-sigmoid knotting: a clinical study of 11 cases by A. Kakar and B. N. S. Bhatnagar. 456
Ileostomy –
The parastomal hernia by Douglas Leslie. 485
Volvulus of the kock pouch with obstruction and perforation: a case report by M. V. Agrez, R. R. Dozois and O. H. Beahrs. 311
Immune Response – *see* Immunity
Immunity –
The immune response to carcinoma of the colon in a rat model: a temporal study by A. K. House. 487
Immunoglobulins –
Serum immunoglobulins in colorectal cancer by Ian Gough. 440
Intestinal Fistula –
Diverticular colo-enteric fistulae by G. J. Hool, E. L. Bokey and M. T. Pheils. 358
A technique for the operative closure of persistent small-bowel fistulas by Graham L. Hill and C. P. Bambach. 477
Intestinal Obstruction –
Small-intestinal obstruction following resection for carcinoma of the rectum by William R. Johnson, Francis T. McDermott, Eric Pihl and Edward S. R. Hughes. 34
Volvulous of the kock pouch with obstruction and perforation: a case report by M. V. Agrez, R. R. Dozois and O. H. Beahrs. 311
Intravenous Nutrition – *see* Parenteral Feeding
Intussusception –
Intussusception in the adult by M. J. Coleman, T. B. Hugh, R. E. May and M. J. Jensen. 179
Ischaemia –
The epidemiology of lower limb ischaemia in a New South Wales rural community by David A. Hill and Michael A. McGrath. 157
The intraluminal administration of perfluorochemicals to the ischaemic gastrointestinal tract by Shozo Baba and Kenji Mizutani. 468

Iwai, N. – *see* Kojima, O. 434

J

Jackson, Ernest Sandford. 511
Jakobovits, A. W. – *see* Gibson, P. R. 336
James, O. F. and Moore – Tracheostomy in the management of chest injuries: its use and complications. 598
James, Owen – *see* Moor, Peter. 546
Jamieson, Glyn G. and Gill – A prospective trial of 5-FU and BCNU in the treatment of advanced gastric cancer. 16
Jaundice, Obstructive –
Histiocytic lymphoma presenting with extra-hepatic biliary obstruction: a report of three cases by Ian F. Young, Ian C. Roberts-Thomson and John R. Sullivan. 181
Jaworski, R. C. – Matrix calculi and gout. 372
Jeffery, J. T., Tulloch and Whitney – Renal angiomyolipoma: preoperative diagnosis and conservative surgery. 307
Jejunum –
Enterolith ileus complicating a jejunal diverticulum by R. Cade, B. Collopy and P. Ryan. 309
Jensen, M. J. – *see* Coleman, M. J. 179
Johnson, W. R. – *see* Hughes, E. S. R. 144
Johnson, W. R. – *see* McDermott, F. T. 351
Johnson, William R., Druitt and Masterton – Anterior rectal advancement flap in the repair of benign rectoprostatic fistula. 383
Johnson, William R., McDermott, Pihl and Hughes – Small-intestinal obstruction following resection for carcinoma of the rectum. 34
Joint Replacement Surgery – *see* Joints – Surgery
Joints –Surgery –
The results of joint replacement surgery in renal transplant patients by W. B. Maguire, P. Muscio and P. A. Dodd. 534
Jones, Ian, S. C., Lkoo and Whitaker — Evaluation of ovarian cancer by second-look laparotomy after treatment. 30
Joyce, P. R., Walshe, Bushnell and Morton – Readmissions to hospital after appen- dicectomy for non-specific abdominal pain. 465
Juggi, J. S. – *see* Saw, H. S. 264

K

Kakar, A. and Bhatnagar – Ileo-sigmoid knotting: a clinical study of 11 cases. 456
Katsumata, T. – *see* Kodaira, S. 429
Kenny, Sir Augustus Leo. 230
Ketharanathan, V. and Christie – Glutaralde- hyde tanned ovine collagen compared with polytetrafluoroethylene (gore-tex) as a conduit for small calibre artery substitution: an experimental study in dogs. 556
Kidney Diseases –
Inflammatory ureteric polyp associated with analgesic neophropathy by D. A. Splatt, D. Weedon, P. D. Boyle and R. A. Gardiner. ... 81
Renal angiomyolipoma: preoperative diagnosis and conservative surgery by J. T. Jeffery, A. G. S. Tulloch and B. Whitney. 307
Kidney Failure, Chronic –
Polytetrafluoroethylene (PTFE) grafts for haemodialysis in chronic renal failure: assessment of durability and function at three years by Adam Rapaport, George P. Noon and Charles H. McCollum. 562
Kidney – Transplantation –
The results of joint replacement surgery in renal transplant patients by W. B. Maguire, P. Muscio and P. A. Dodd. 534
Kilvington, Basil. 230
Kitagawa, N. – *see* Kojima, O. 434
Knee –
Results of geometric arthroplasty for rheumatoid and osteoarthritis of the knee by G. P. Lowe and J. C. McNeur. 528
Knee – Injuries –
The management of acute ligamentous injuries of the knee: experience with 116 patients by J. G. Fraser and I. B. McPhee. 538
Knee Joint –
Cysts and "pseudocysts" of the menisci of the knee joint by Mervyn J. Cross and A. Stuart Watson. 59
Kodaira, Susumu – *see* Murayama, Norihisa. ... 420
Kodaira, S., Teramoto, Ono, Takizama, Katsumata and Abe – Lymph node metastases from carcinomas developing in pedunculated and semi-pedunculated colorectaladenomas. 429
Kojima, O. Fujita, Iwai, Yamane, Kitagawa, Nishioka and Majima – Studies on cell-mediated immunity in patients with colorectal cancer: leucocyte migration inhibition test using allogenic 3M KCl extract 434
Krishnaswamy, Shankar – *see* Booshanam, M. V. 498
Kumar, S. – *see* Sharma, S. K. 204

L

Lam, K. H. – *see* Lau, W. F. 52
Langlands, Allan O. – The evaluation of the results of cancer therapy treatment utility. 10
Laparoscopy –
Laparoscopy in the diagnosis of acute lower abdominal pain by J. L. Anderson and F. H. G. Bridgewater. 462
Laparotomy –
Evaluation of ovarian cancer by second-look laparotomy after treatment by Ian S. C. Jones Soo, K. Khoo and Sue V. Whitaker. 30
Staging laparotomy in Hodgkin's disese by R. O. Nicol and J. M. Bremner. 27
Lau, J. T. K., and Ong – Congenital diverticulum of the anterior urethra. 305
Lau, W. F., Wong, Lam and Ong. – Oesophageal

microbial flora in carcinoma of the oesophagus. ... 52
La Voo, John W. – *see* Bailey, H. Randolph. ... 473
Leandoer, Lennart – *see* Törnqvist, Anders. ... 442
Lee, W. T. – *see* Nandi, P. L. ... 56
Leggett, C. A. C. – The founders of the College: Queensland. ... 508
Leslie, Douglas – The parastomal hernia. ... 485
Leucocyte Migration Inhibition – *see* Cell Migration Inhibition.
Ligaments – Injuries –
The management of acute ligamentous injuries of the knee – experience with 116 patients by J. G. Fraser and I. B. McPhee. ... 538
Lines, David Henry Edward. ... 625
Lipogranuloma –
Lipogranuloma of the male genitalia by Lance Armstrong and Arthur H. Hackett. ... 72
Little, J. M. – Academic and non-academic surgery. ... 413
Little, J. M. – Vascular malformations. ... 219
Little, J. M. – *see* Fletcher, J. P. ... 333
Little, J. Miles – *see* Thompson, John F. ... 274
Liver Diseases, Parasitic –
Long-term high-dose Mebendazole for cystic hydatid disease of liver: failure in two cases by Peter Braithwaite. ... 23
Liver Neoplasms –
Liver resection for neoplasm by John F. Thompson and J. Miles Little. ... 274
Lord, Reginald S. A. – *see* Hill, David A. ... 552
Lord, Reginald S. A., Tracy, Graham and Hill – Control of the upper infrarenal aorta. ... 569
Lowe, G. P. and McNeur – Results of geometric arthroplasty for rheumatoid and osteoarthritis of the knee. ... 528
Lowe, Ronald F. – T. Aubrey Bowen and his house at 167 Collins Street East, Melbourne. ... 102
Lowe, Ronald F. – William R. Wilde, Andrew S. Gray and two eye and ear hospitals of very similar name. ... 630

M

McCollum, Charles H. – *see* Rapaport, Adam. 562
Mackormick, Sir Alexander ... 323
McCullough, K. G. – An aid to the insertion of arteriovenous shunts. ... 567
McDermott, F. T., Hughes Pihl and Price – Changing survival prospects in rectal and colonic cancer. ... 120
McDermott, F. T., Polglase, Johnson and Hughes – Prevention of wound infection in elective colorectal resections by pre-operative cephazolin with and without metronidazole. ... 351
McDermott, F. T. – *see* Huges, E. S. R. ... 144
Polglase, A. L. ... 211
Johnson, William, R. ... 34
MacDougall, C. N. and Castleden – Duodenal polyp or aneurysm? Possible hazard of endoscopic polypectomy. ... 371
McEachern, A. C. – Founders of the College: South Australia. ... 400
MacFie, John – *see* Yule, Alastair, G. ... 280
McGavin, Sir Donald Johnstone ... 99
McGrath, Michael A. – *see* Hill, David A. ... 157
McInnes, I. E. – *see* Gibson, P. R. ... 336
McNeur, J. C. – *see* Lowe, G. P. ... 528
McPhee, I. B. – *see* Fraser, J. G. ... 538
MacPherson, J. C. – *see* Payne, J. E. ... 12
MacPherson, Jennifer – *see* Chapuis, Pierre H. 127
Maguire, W. B. Muscio and Dodd – The results of joint replacement surgery in renal transplant patients. ... 534
Majima, S. – *see* Kojima, O. ... 434
Malik, N. – *see* Sharma, S. K. ... 204
Mannell, Aylwyn and Davidge – Pitts – Pharyngeal reconstruction after pharyngolaryngoesophagectomy in African patients. ... 603
Mannell, Aylwyn and Tim – Cystadenoma of the pancreas: report of a case diagnosed by endoscopic retrograde pancreatography. ... 201
Marshall, Vernon – Prospects for training of Australian surgeons in Britain. ... 251
Mastectomy –
Psychological implications of mastectomy by Cameron Battersby. ... 300
A survey of general surgeons' attitudes towards breast reconstruction following mastectomy by Bryan C. Mendelson. ... 348
Masterton, John P. – *see* Johnson, William R. ... 383
Mastitis –
Uncommon forms of mastitis by T. T. Alagaratnam. ... 45
Max, Ernest – *see* Bailey, H. Randolph ... 473
Meandros –
Eponyms. ... 209
Mebendazole – *see* Benzimidazoles
Meckel's Diverticulum –
Meckel stone ileus: a case report by Alexander B. F. Grant. ... 77
Meech, Peter R., Hardie, Hartley Woodruff, Strong and Clune – Long-term experience of Thomas Shunts on the iliac vessels. ... 161
Melanoma –
The surgical management of anorectal malignant melanoma by John Boey, T. K. Choi, John Wong, and G. B. Ong. ... 132
Mendelson, Bryan, C. – A survey of general surgeons' attitudes towards breast reconstruction following mastectomy. ... 348
Menelaus, Malcolm – Opening and closing the growth plate. ... 518
Metronidazole –
Prevention of wound infection in elective colorectal resections by preoperative cephazolin with and without metronidazole by F. T. McDermott, A. L. Polglase, W. R. Johnson and E. S. R. Hughes. ... 351
Meyer, Felix Henry ... 231
Microbial Flora – *see* Bacterial Infections
Milewski, P. J. – *see* Ibrahim, N. B. N. ... 188

Mitra, S. K. – *see* Bhattacharyya, N. C. 296
Mizutani, Kenji – *see* Baba, Shozo 468
Mok, C. K. – *see* Nandi, P. L. 56
Moor, Peter, James and Saltos – Fat embolism syndrome: incidence, significance and early features. 546
Moore, P. G. – *see* James, O. F. 598
Morgan, Alexander Matheson 402
Morris, W. T. and Say – Piperacillin in surgical infections: a clinical trial. 614
Morrison, Reginald Herbert. 232
Morton, J. B. – *see* Joyce, P. R. 465
Mucocele –
Mucocele of the gallbladder: an unusual cause of duodenal obstruction by R. J. Stunden and J. K. Francis. 369
Mullany, C. – *see* Paroulakis, M. 257
Muralidharan, S. – *see* Booshaman, M. V. 498
Murayama, Norihisa, Baba, Kodaira and Abe – An aetiological study of diverticulosis of the right colon. 420
Muscio, P. – *see* Maguire, W. B. 534

N

Nandi, P. L. Tang, Mok, Lee and Ong – Pulmonary coin lesions: a ten-year review of 239 cases. 56
Napier, B. J. – *see* Askew, A. R. 341
Narayanan, Ramji – *see* Booshanam, M. V. 498
Neoplasms –
The evaluation of the results of cancer therapy treatment utility by Allan O. Langlands. 10
Information flow in the conduct of multicentred collaborative controlled clinical trials of cancer therapy by Alan Coates. 6
Neoplasms, Liver – *see* Liver Neoplasms
Newland, Sir Henry Simpson 403
Newland, Ronald C. – *see* Chapuis, Pierre. H. .. 127
Nicol, R. O. and Bremner – Staging laparotomy in Hodgkin's disease. 27
Nishioka, B. – *see* Kojima, O. 434
Nissen Fundoplication –
A review of 74 patients with oesophageal achalasia the results of Heller's cardiomyotomy with and without Nissen fundoplication by Peter Tomlinson and Alexander F. Grant. 48
Noble, N. – *see* Windsor, H. M. 271
Noon, George P. – *see* Rapaport, Adam 562

O

Occult Blood –
Knowledge of colorectal cancer and attitude to occult blood testing among recent medical graduates in New South Wales by Owen Dent and Kerry Goulston. 137
Oesophageal Neoplasms –
Oesophageal microbial flora in carcinoma of the oesophagus by W. F. Lau, J. Wong, K. H. Lam and G. B. Ong. 52
Oestrogen Receptors –
Is there a seasonal variation in oestrogen receptor levels in human breast carcinoma tissues? by R. Hähnel, R. Parasiliti, E. Twaddle and T. Woodings. 183
Oestrogen Receptors –
Oestrogen receptors in breast cancer: greater care in collection by T. S. Reeve and C. M. Smyth 185
Ong, G. B. – *see* Alagaratnam, T. T. 501
Boey, John 132
Cheng, F. C. Y. 458
Lau, W. F. ..... 305 & 52
Nandi, P. L. 56
Ono, S. – *see* Kodaira, S. 429
O'Reilly, Kevin – A technique of diathermy sclerosis of varicose veins. 379
O'Reilly, Kevin and Green – A case of gastric duplication in an adult. 367
Osteoarthritis –
Results of geometric arthroplasty for rheumatoid and osteoarthritis of the knee by G. P. Lowe and J. C. McNeur. 528
Osteomyelitis –
Acute osteomyelitis of the spine with paraplegia by C. V. David and P. Balasubramaniam 544
Osteotomy –
Multiple osteotomies in rhinoplasty by G. Patrick Bridger 363
Ovarian Cancer *see* Ovarian Neoplasms
Ovarian Neoplasms –
Evaluation of ovarian cancer by second-look laparotomy after treatment by Ian S. C. Jones Soo, K. Khoo and Sue K. Whitaker 30

P

Pancreas –
Accurate localization and extraperitoneal drainage of pancreatic abscess by T. R. Porter and G. A. E. Coupland. 36
Cystadenoma of the pancreas: report of a case diagnosed by endoscopic retrograde pancreatography by Aylwyn Mannell and Leonard Ou Tim. 201
Pancreatic Cyst – Intrapancreatic pseudocyst formation: a complication of acrylate pancreatic duct obliteration by William F. Ward. 494
Pancreatic Ducts – Intrapancreatic pseudocyst formation: a complication of acrylate pancreatic duct obliteration by William F. Ward. 494
Pancreatic Neoplasms – Cystadenoma of the pancreas: report of a case diagnosed by endoscopic retrograde pancreatography by Aylwyn Mannell and Leonard Ou Tim. 201
Pancreatitis – Problems in the diagnosis and management of acute pancreatitis by M. Paroulakis, S. Fischer I. D. Vellar and C. Mullany. 257

Paraplegia — Acute osteomyelitis of the spine with paraplegia by C. V. David and P. Balasubramaniam. ... 544
Parasiliti, R. *see* Hahnel, R. ... 183
Parenteral Feeding —
The effect of an anabolic steroid on body composition in patients receiving intravenous nutrition by Alastair G. Yule, John MacFie and Graham L. Hill. ... 280
Paroulakis, M., Fischer, Vellar and Mullany — Problems in the diagnosis and management of acute pancreatitis. ... 257
Parry, Edgar — The thoracic outlet compression syndrome. ... 84
Pathak, I. C. *see* Bhattacharyya, N. C. ... 296
Payne, J. E., Pheils, Chapuis and MacPherson — The effect of fluorouracil on survival in metastatic colorectal cancer. Fluorouracil response improves survival. ... 12
Payne, John E. *see* Chapuis, Pierre H. ... 127
Peptic Ulcer — Surgery —
Emergency surgery for the complications of peptic ulcer in the elderly by S. P. Pillay, I. R. Hardie and W. Burnett. ... 590
Peptides —
The biological activity of different gastrin peptides assessed using a cytochemical section bioassay by A. R. Askew and B. J. Napier. ... 341
Peral, P. *see* Gomez-Arnau, J. ... 610
Pharynx — Surgery —
Pharyngeal reconstruction after pharyngo-laryngoesophagectomy in African patients by Aylwyn Mannell and K. Davidge-Pitts. ... 603
Pheils, Murray T. *see* Chapuis, Pierre H. ... 127
Hool, G. J. ... 358
Payne, J. E. ... 12
Phillipou, G. *see* Anderson, J. L. ... 20
Pihl, Eric *see* Johnson, William R. ... 34
McDermott, F. T. ... 120
Pillay, S. P., Hardie and Burnett — Emergency surgery for the complications of peptic ulcer in the elderly. ... 590
Ping, J. Shum Ding — *see* Ding-Ping, J. Shum
Piperacillin —
Piperacillin in surgical infections: a clinical trial by W. T. Morris and P. Janet Say. ... 614
Pitts, K. Davidge — *see* Davidge-Pitts, K.
Pockley, Francis Antill ... 323
Polglase, A. L., Hughes and McDermott — Improved techniques in E. E. A. stapling for ultra low colorectal and colo-anal anastomosis. ... 211
Polglase, A. L. *see* Hughes, E. S. R. ... 144
McDermott, F. T. ... 351
Polyps —
Duodenal polyp or aneurysm? Possible hazard of endoscopic polypectomy by C. N. MacDougall and W. M. Castleden. ... 371
Inflammatory ureteric polyp associated with analgesic nephropathy by D. A. Splatt, D. Weedon, P. D. Boyle and R. A. Gardiner. ... 81
Polytetrafluoroethylene —
Glutaraldehyde tanned ovine collagen compared with polytetrafluoroethylene (gore-tex) as a conduit for small calibre artery substitution: an experimental study in dogs by V. Ketharanathan and Bruce A. Christie. ... 556
Polytetrafluoroethylene (PTFE) grafts for haemodialysis in chronic renal failure: assessment of durability and function at three years by Adam Rapaport, George P. Noon and Charles H. McCollum. ... 562
Porter, T. R. and Coupland — Accurate localization and extraperitoneal drainage of pancreatic abscess. ... 36
Potassium —
The efficacy of potassium-induced cardio- plegia and topical hypothermia in the correction of congenital cardiac lesions by H. S. Saw, J. S. Juggi, A. Ganendran and K. Prathap. ... 264
Power, A. R. *see* Bellemore, M. C. ... 39
Prathap, K. *see* Saw, H. S. ... 264
Price, A. B. *see* McDermott, F. T. ... 120
Pulmonary Coin Lesions *see* Coin Lesion, Pulmonary

R

Radiotherapy —
The use of radiotherapy for pelvic recurrence following abdominoperineal resection for carcinoma of the rectum: a 10 year experience by Antonio H. Villalon and David Green ... 149
Ramsey, John ... 625
Rank, B. K. – George Grey Turner, F.R.A.C.S. (Hon.) ... 627
Rapaport, Adam, Noon and McCollum – Polytetrafluoroethylene (PTFE) grafts for haemodialysis in chronic renal failure: assessment for durability and function at three years. ... 562
Rectal Cancer – *see* Rectal Neoplasms
Rectal Fistula –
Anterior rectal advancement flap in the repair of benign rectoprostatic fistula by William R. Johnson, Douglas M. Druitt and John P. Masterton. ... 383
Rectal Neoplasms –
Changing survival prospects in rectal and colonic cancer by F. T. McDermott, E.S.R. Hughes, E. Pihl and A. B. Price. ... 120
Colorectal cancer: the modern treatment of disseminated disease by Raymond D. Snyder and W. Ivon Burns. ... 377
Comparative survival rates in symptomatic peripheral vascular disease and colorectal cancer by K. W. Faulkner and A. K. House. 152
The distribution of colorectal carcinoma and the relationship of tumour site to the survival of patients following resection by Pierre H. Chapuis, Ronald C. Newland, Jennifer G. MacPherson, Owen Dent, John E. Payne and Murray T. Pheils. ... 127

Early diagnosis of metachronous colorectal carcinoma by Anders Törnqvist, Göran Ekelund and Lennart Leandoer. 442
The effect of fluorouracil on survival in metastatic colorectal cancer – fluorouracil response improves survival by J. E. Payne, M. T. Pheils, P. H. Chapuis and J. G. MacPherson. 12
The Harry Ellicott Bacon oration: The development of a restorative operation for carcinoma of the rectum by E.S.R. Hughes. 117
Knowledge of colorectal cancer and attitude to occult blood testing among recent medical graduates in New South Wales by Owen Dent and Kerry Goulston. 137
Lymph node matastases from carcinomas developing in pedunculated and semipedunculated colorectal adenomas by S. Kodaira, T. Teramoto, S. Ono, K. Takizawa, T. Katsumata and O. Abe. 429
Serum immunoglobulins in colorectal cancer by Ian Gough. 440
Small-intestinal obstruction following resection for carcinoma of the rectum by William R. Johnson, Francis T. McDermott, Eric Pihl and Edward S. R. Hughes. 34
Studies on cell-mediated immunity in patients with colorectal cancer: leucocyte migration inhibition test using allogenic 3M KCl extract by O. Kojima, Y. Fujita, N. Iwai, T. Yamane, N. Kitagawa, B. Nishioka and S. Majima. 434
The surgical management of anorectal malignant melanoma by John Boey, T. K. Choi, John Wong and G. B. Ong. 132
The use of radiotherapy for pelvic recurrence following abdominoperineal resection for carcinoma of the rectum: a 10 year experience by Antonio H. Villalon and David Green. ... 149
Rectal Fistula – *see* Rectal Fistula
Rectum, – Injuries –
Colorectal injuries by Russell W. Strong. 285
Rectum – Surgery –
Prevention of wound infection in elective colorectal resections by preoperative cephazolin with and without metronidazole by F. T. McDermott, A. L. Polglase, W. R. Johnson and E.S.R. Hughes. 351
Single layer continuous colorectal anastomosis by H. Randolph Bailey, John W. La Voo, Ernest Max, Kenneth W. Smith and James M. Hampton. 473
Reeve, T. S. and Smyth – Oestrogen receptors in breast cancer: grester care in collection. 185
Renal Angiomyolipoma – *see* Kidney Diseases
Renal Failure – *see* Kidney Failure
Renal Transplant – *see* Kidney – Transplantation
Rhinoplasty –
Multiple osteotomies in rhinoplasty by G. Patrick Bridger. 363
Rhode, J. C. – *see* Hornibrook, J. 206
Robbins, Thomas – Double advancement flap closure for skin defects in the leg to avoid skin grafting. 217
Roberts-Thomson, Ian C. – Endoscopic sphincterotomy in high-risk patients with biliary tract disease. 289
Roberts-Thomson, Ian C. – *see* Young, Ian F. 181
Robertson, Sir Carrick Hay. 100
Robertson, William Nathaniel. 511
Rosengarten, D. S. – *see* Gibson, P. R. 336
Royal Australasian College of Surgeons. Fellowship examination. Part II. Adelaide 92
Part II. Singapore, Kuala Lumpur and Hong Kong. 318
Part II. Wellington. 225
Rudowski, Witold J. – Blood transfusions today – 'artificial blood' tomorrow. 618
Russell, Robert Hamilton. 234
Rust, Vicki – *see* Braithwaite, Peter A. 359
Ryan, G. D. – *see* Wisniewski, Z. S. 292
Ryan, P. – *see* Cade, R. 309

S

Saltos, Nicholas – *see* Moor, Peter. 546
Sandes, Francis Percival. 324
Saw, H. S., Juggi, Ganendran, Prathap –the efficacy of potassium-induced cardioplegia and topical hypothermia in the correction of congenital cardiac lesions. 264
Say, P. Janet – *see* Morris, W. T. 614
Sharma, S. K., Malik, Kumar and Bapna – Bilateral incomplete ureteric duplication with a ureteric diverticulum. 204
Shindo, Katsuisa – Epidermoid carcinoma compared with adenocarcinoma of the anal canal. 426
Shum, D.W.P. – *see* Cheng, F.C.Y. 458
Simpson, Donald A. – *see* Whittle, Ian R. 190
Sisley, L. V. – *see* Hart, S. A. 79
Skin –
Double advancement flap closure for skin defects in the leg to avoid skin grafting by Thomas H. Robbins. 217
Smith, Kenneth W. – *see* Bailey, H. Randolph. 473
Smith, R. – *see* Cregan, P. 74
Smith, Ross C. – *see* Hollinshead, John W. 452
Smyth, C. M. – *see* Reeve, T. S. 185
Snyder, Raymond D. and Burns – Colorectal cancer: the modern treatment of disseminated disease. 377
Spinal Cord Injuries –
Rupture of the diaphragm associated with spinal cord injury by John C. Hall, M. C. Douglas and D. Burke. 594
Spine –
Acute osteomyelitis of the spine with paraplegia by C. V. David and P. Balasubramaniam. ... 544
Torulopsis glabrata osteomelitis of the spine: a case report and review of the literature by Alan J. Thurston and William J. Gillespie. 374
Splatt, D. A., Weedon, Boyle and Gardiner – Inflammatory ureteric polyp associated with

analgesic nephropathy. 81
Spleen – Injuries –
Splenic trauma from blunt abdominal injury by M. C. Bellemore and A. R. Power. 39
Stenhouse, Norman S. – *see* Castleden, William M. 503
Stilbenes –
Oestrogen receptors and the response of metastatic breast cancer to aminoglutethimide or tamoxifen by I. M. Holdaway. 345
Stomach Cancer – *see* Stomach Neoplasms.
Stomach Neoplasms –
A prospective trial of 5-FU and BCNU in the treatment of advanced gastric cancer by Glyn G. Jamieson and P. Grantley Gill. 16
Stomach – Surgery –
A case of gastric duplication in an adult by Kevin O'Reilly and Anthony Green. 367
Strong, Russell W. – Colorectal injuries. 285
Strong, Russell W. – *see* Meech, Peter R. 161
Stunden, R. J. and Francis – Mucocele of the gallbladder: an unusual cause of duodenal obstruction. 369
Sullivan, John R. – *see* Young, Ian F. 181
Surgery –
Academic and non-academic surgery by J. M. Little. 413
Surgical Research Society of Australasia. Proceedings. 386
Surgical Wound Infection – Prevention and Control –
Prevention of wound infection in elective colorectal resections by preoperative cephazolin with and without metronidazole by F. T. McDermott, A. L. Polglase, W. R. Johnson and E.S.R. Hughes. 351
Suture Techniques –
Single layer continuous colorectal anastomosis by H. Randolph Bailey, John W. La Voo, Ernest Max, Kenneth W. Smith and James M. Hampton. 473
Syme, Sir George Adlington. 235
Syme, R.R.A. – Bladder neck closure for neurogenic incontinence. 197

T

Takizawa, K. – *see* Kodaira, S. 429
Tamoxifen – *see under* Stilbenes.
Tang, S. C. – *see* Nandi, P. L. 56
Tannenberg, A.E.G. – *see* Hart, S. A. 79
Tapsell, Peter W. – *see* Civil, Ian D. S. 542
Temple, J. G. – *see* Ibrahim, N.B.N. 188
Teramoto, T. – *see* Kodaira, S. 429
Thomas Shunts –
Long-term experience of Thomas shunts on the iliac vessels by Peter R. Meech, Ian R. Hardie, Lionel C. J. Hartley, Peter W. H. Woodruff, Russell W. Strong and Gordon J. A. Clunie. .. 161
Thompson, John F. and Little – Liver resection for neoplasm. 274
Thomson, Ian C. Roberts – *see* Roberts-Thomson, Ian C.
Thorax –
Thoracic outlet compression syndrome by Edgar Parry. 84
Thorax – Injuries –
Tracheostomy in the management of chest injuries: its use and complications by O. F. James and P. G. Moore. 598
Thring, Edward Thomas. 324
Thurston, Alan J. and Gillespie – Torulopsis glabrata osteomelitis of the spine: a case report and review of the literature. 374
Thyroid Gland –
Benign thyroid inclusions with cervical lymph nodes: an alarming incidental finding by N.B.N. Ibrahim, P. J. Milewski, R. Gillett and J. G. Temple. 188
Tim, Leonard Ou – *see* Mannell, Aylwyn. 201
Tomlinson, Peter and Grant – A review of 74 patients with oesophageal achalasia: the results of Heller's cardiomyotomy with and without Nissen fundoplication. 48
Törnqvist, Anders, Ekelund and Leandoer – Early diagnosis of metachronous colorectal carcinoma. 442
Torulopsis –
Torulopsis glabrata osteomyelitis of the spine: a case report and review of the literature by Alan J. Thurston and William J. Gillespie. 374
Tracheostomy – *see* Tracheotomy
Tracheotomy –
Tracheostomy in the management of chest injuries: its use and complications by O. F. James and P. G. Moore. 598
Tracy, G. Douglas – *see* Lord, Reginald S. A. ... 569
Trethowan, William. 623
Tulloch, A. G. S. – *see* Jeffery, J. T. 307
Turner, George Grey. 627
Twaddle, E. – *see* Hähnel, R. 183

U

Ureter –
Bilateral incomplete ureteric duplication with a ureteric diverticulum by S. K. Sharma, N. Malik, S. Kumar and B. C. Bapna. 204
Ureteric Obstruction –
Inflammatory ureteric polyp associated with analgesic nephropathy by D. A. Splatt, D. Weedon, P. D. Boyle and R. A. Gardiner. 81
Urethra –
Congenital diverticulum of the anterior urethra by J.T.K. Lau and G. B. Ong. 305
Urinary Bladder Stones – *see* Urinary Calculi
Urinary Calculi –
Urinary bladder stones in Aboriginal children by Z. S. Wisniewski, J. G. Brockis and G. D. Ryan. 292

V

Varicose Veins –
A technique of diathermy sclerosis of varicose veins by Kevin O'Reilly. 379
Vascular Diseases –
Comparative survival rates in symptomatic peripheral vascular disease and colorectal cancer by K. W. Faulkner and A. K. House. .. 152
Vascular Surgery –
Vascular malformations by J. M. Little. 219
Vascular trauma by J. P. Fletcher and J. M. Little. 333
Vellar, I. D. – *see* Paroulakis, M. 257
Ventricular Septal Defect –
Infected ventricular septal defect by H. M. Windsor, N. Noble and V. P. Chang. 271
Villalon, Antonio H. and Green – The use of radiotherapy for pelvic recurrence following abdominoperineal resection for carcinoma of the rectum: a 10 year experience. 149
Volvulus – *see* Intestinal Obstruction.
Voo, John W. La – *see* La Voo, John W.

W

Walshe, J.W.B. – *see* Joyce, P. R. 465
Ward, William F. – Intrapancreatic pseudocyst formation: a complication of acrylate pancreatic duct obliteration. 494
Watson, A. Stuart – *see* Cross, Mervyn J. 59
Watson, Archibald – *see* Archibald Watson Memorial Lecture. 415
Weedon, D. – *see* Spiatt, D. A. 81
Whitney, B. – *see* Jeffery, J. T. 307
Whittle, Ian R., Ellis and Simpson – The surgical treatment of intractable childhood and adolescent epilepsy. 190
Wilde, William R. 630
Wilson, Sir Thomas George 404
Windsor, H. M., Noble and Chang – Infected ventricular septal defect. 271
Wisniewski, Z. S., Brockis and Ryan – Urinary bladder stones in Aboriginal children. 292
Wong, John – *see* Boey, John. 132
Lau, W. F. 52
Woodings, T. – *see* Hähnel, R. 183
Woodruff, Peter W. H. – *see* Meech, Peter R. 161
Worrall, Ralph. 325
Wounds and Injuries –
Colorectal injuries by Russell W. Strong. 285
Wylie, David Storer. 100

Y

Yadav, K. – *see* Bhattacharyya, N. C. 296
Yamane, T. – *see* Kojima, O. 434
Young, Ian F., Roberts-Thomson and Sullivan – Histiocytic lymphoma presenting with extra-hepatic biliary obstruction: a report of three cases. 181
Yule, Alastair G., Macfie and Hill – The effect of an anabolic steroid on body composition in patients receiving intravenous nutrition. 280

Z

Zelen, Marvin. 1
Zwar, Bernard Traugott. 236